REMARKS

Reconsideration of the above-identified application is respectfully requested. Claims 2, 4, 17, and 41 have been amended; Claims 1, 3, 5, 6, 15, 16, and 34-40 have been canceled; and new Claims 42-45 have been added. Thus, Claims 2, 4, 7, 17, 22-33, and 41-45 are pending in the present application. Applicants acknowledge with appreciation the allowable subject matter of Claims 4, 7, 17, 37, and 41.

Claims 1-3, 5, 6, 15, 16, 34-36, and 38-40 were rejected in an October 23, 2002, Office Action (hereinafter "Office Action") under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,464,681 to Luce (hereinafter "Luce"). Claims 22-33 were rejected under 35 U.S.C. § 112, first paragraph, as containing subject matter that was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventors, at the time the application was filed, had possession of the claimed invention. For the reasons that will be discussed in more detail below, applicants respectfully assert the claims of the present application are in condition for allowance.

Rejections Under 35 U.S.C. § 112, First Paragraph

Claims 22-33 stand rejected under 35 U.S.C. § 112, first paragraph, as containing subject matter that was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventors, at the time the application was filed, had possession of the claimed invention. Specifically, the Office Action states there is no support in the specification for the limitation "printed image having regions of substantially parallel lines."

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Applicants respectfully traverse the rejection of these claims. Specifically, applicants would like to direct the Examiner's attention to page 4, beginning at line 19, which states, "Most printed images will have regions in which substantially parallel lines of raised ink are present. When these lines are viewed at an angle other than directly above the lines, significant enhancement of the image is produced by the reflective or brightly colored layer." Accordingly, applicants respectfully assert that the claim language of "wherein said raised print image is a pattern having regions of substantially parallel lines" recited in Claim 22, and the claim language, "and a raised printed image having regions of substantially parallel lines applied to the reflective or brightly colored layer by a printing process" recited in Claim 24 is fully supported on page 4, lines 19-22, of the originally filed specification. Therefore, applicants respectfully request withdrawal of the pending rejections under 35 U.S.C. § 112, first paragraph, with regard to Claims 22-33. Furthermore, since the references cited do not teach or suggest such an element, namely, a raised printed image having regions of substantially parallel lines, applicants respectfully submit that Claims 22-33 are in condition for allowance.

Claim Objections

Claims 4, 7, 17, 37, and 41 stand objected to in the Office Action as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Accordingly, Claims 4, 7, 17, and 41 have been rewritten in independent form for efficiency in the prosecution of the present application. Therefore, applicants believe that amended Claims 4, 7, 17, and 41 are now in condition for allowance. Applicants have canceled Claim 37, thus rendering the objection to this claim moot.

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Rejections Under 35 U.S.C. § 103(a)

Claims 1-3, 5, 6, 15, 16, 34-36, and 38-40 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Luce. Applicants have canceled Claims 1, 3, 5, 6, 15, 16, 34-36, and 38-40, thus rendering the rejections to these claims moot. Applicants respectfully traverse the rejections of the remaining claims.

Independent Claims 2, 22, and 23

Claims 2, 22, and 23 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Luce. Although applicants do not entirely agree with the Office Action, Claim 4, as described above, has been rewritten in independent form for efficiency in the prosecution of the present application. Claim 4 was indicated in the Office Action as to contain allowable subject matter that would be allowable if rewritten in independent form. Therefore, applicants believe that amended Claim 4 is now in condition for allowance. Claim 23 depends from allowable Claim 4, and Claims 2 and 22 have been amended to depend from allowable Claim 4. Accordingly, applicants respectfully request that the Examiner also withdraw the pending rejections to Claims 2, 22, and 23, which depend from allowable Claim 4.

New Claims 41-45

New Claims 41-45 have been added to further point out and distinctly claim the novel aspects of the present invention. New Claims 41-44 depend from amended Claim 17, which was deemed allowable in the Office Action and has been rewritten in independent form. Therefore, applicants submit that new Claims 41-44 are in condition for allowance. With regard to new Claim 45, applicants respectfully submit that none of the prior art, either alone or in combination, teaches or suggests the novel combination recited in new Claim 45. Thus, applicants further submit that new Claim 45 is in condition for allowance.

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CONCLUSION

In light of the foregoing amendments and remarks, applicants submit that all of the claims of the present application are in condition for allowance. Thus, applicants respectfully request allowance of all pending claims. If any further questions remain, the Examiner is invited to telephone applicants' attorney at the number listed below.

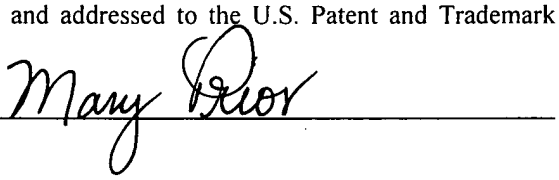
Respectfully submitted,

CHRISTENSEN O'CONNOR
JOHNSON KINDNESS[PLLC]



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I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202, on the below date.

Date: January 22, 2003 

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VERSION WITH MARKINGS TO SHOW CHANGES MADE JANUARY 22, 2003

In the Claims:

Claims 1, 3, 5, 6, 15, 16, and 34-40 have been canceled.

2. (Amended) The document of Claim [1] 4, wherein the raised print image is produced by an intaglio printing process.

4. (Twice Amended) [The] A printed document [of Claim 1 or 2,] or other device comprising a substrate to which printed matter is applied, wherein [the] said substrate is a plastics film capable of use to form a banknote, [the] said substrate having a first side and a second side, a reflective or brightly coloured print layer which is printed onto one side of the substrate without embossment, said reflective or brightly coloured print layer being printed over an opaque ink layer applied to one side of [the] said substrate, and a raised print image printed to said reflective or brightly coloured layer by a printing process, at least part of said raised print image having a height of at least 5μm and being visible from all angles of the document, said raised print image being enhanced by said reflective or brightly coloured print layer when viewed at different angles and under different lighting conditions.

17. (Amended) [The] A printed document [of Claim 1,] or other device comprising a substrate to which printed matter is applied, said substrate having a first side and a second side, a reflective or brightly coloured print layer which is printed onto one side of the substrate without embossment wherein the reflective or brightly coloured print layer is a reflective or brightly colored ink layer, and a raised print image printed to said reflective or brightly coloured print layer by a printing process, at least part of said raised print image having a height of at least 5μm and being visible from all angles of the document, said raised print image being enhanced by

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said reflective or brightly coloured print layer when viewed at different angles and under different lighting conditions.

22. (Amended) The document as claimed in Claim [1] 4, wherein said raised [printed] print image is a pattern having regions of substantially parallel lines.

41. (Amended) [The] A printed document [of Claim 34,] or other device comprising a plastic substrate to which printed matter is applied, the substrate having a first side and a second side, a reflective or brightly coloured print layer which is printed onto one side of the substrate without embossment wherein the reflective or brightly coloured print layer is a reflective or brightly colored ink layer, and a raised print image applied to the reflective or brightly coloured print layer by a printing process, at least part of the raised print image having a height of at least 5μm and being visible from all angles of the document, the raised print image being enhanced by the reflective or brightly coloured print layer when viewed at different angles and under different lighting conditions.

New Claims 42-45 have been added.

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OIPE JC13 JAN 28 2003 PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: R.G. Gration et al. Attorney Docket No.: CASM114222

Application No.: 09/355,169 Group Art Unit: 1774

Filed: August 30, 1999 Examiner: B. Shewareged

Title: PRINTED MATTER PRODUCING REFLECTIVE INTAGLIO EFFECT

RECEIVED JAN 29 2003 TC 1700

AMENDMENT TRANSMITTAL LETTER

Seattle, Washington 98101

January 22, 2003

TO THE COMMISSIONER FOR PATENTS:

A. Amendment Transmittal

Transmitted herewith is an amendment in the above-identified application.

_____ 1. No additional claim fee is required, as shown below.

__X__ 2. The claim fee has been calculated as shown below.

COMPUTATION OF FEE FOR CLAIMS AS AMENDED

	Claims Remaining After Amendment		Highest Number Previously Paid For		Present Extra		Rate		Additional Fee
Total Claims	27	-	46	=	**0**	x	18	=	
Independent Claims	5	-	3	=	**2**	x	84	=	168
	TOTAL								$168

B. Fees Enclosed

Enclosed is our Check No. 145079 in the amount of $168.00 to cover the amendment claim fee.

C. Additional Fee Charges or Credit for Overpayment

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 03-1740. This authorization also hereby includes a request

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for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application. A copy of this document is enclosed.

Respectfully submitted,

CHRISTENSEN O'CONNOR
JOHNSON KINDNESS PLLC

Brandon C. Stallman
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Direct Dial No. 206.695.1708

I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202, on the below date.

Date: January 22, 2003 Mary Prior

BCS:mgp

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